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From: Peter Israelsson
Sent: Fri 9/20/2013 5:24:05 PM
Subject: Lower Passaic River - 2378-TCDD surface mapping files
[surf_TCDD_shapefiles_20130920_LPR.zip](#)
[ProbPlot_1995_vs_2010_data_by_mapped_group_20130920.pdf](#)

James –

I am transmitting the requested information regarding the CPG's surface sediment 2378-TCDD mapping. Each attachment is explained below.

1. Shapefiles of 2,3,7,8-TCDD contaminant map for the LPR ☐ [surf_TCDD_shapefiles_20130920_LPR.zip](#)

a. "1995" surface (using the 1995-1999 dataset) ☐ [surf_TCDD_1995_20130920_LPR.shp](#)

b. "2010" surface (using the 2007-2012 dataset) ☐ [surf_TCDD_2010_20130920_LPR.shp](#)

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ Note: the 1995 surface applies 2007-2012 data outside of RM 0.95 to 6.85, due to data density limitations of the 1995-1999 dataset.

2. Areas of the groups (see 5/17/2013 mapping memo for definition details):

| Groups | Deposition Characteristics | Area | Area |
|----------|---|--------------|----------------|
| | | RM 1 to RM 7 | RM 0 to RM 7.5 |
| | | (acres) | (acres) |
| Group 1 | Shoals | 155 | 369 |
| Group 2 | No historical deposition | 21 | 21 |
| Group 3a | Little to moderate historical deposition; \geq 1ft erosion 1995 to 2012 | 14 | 14 |
| Group 3b | Little to moderate historical deposition; <1ft erosion 1995 to | 41 | 41 |

| | | | |
|---------|----------------------------|-----|-----|
| | 2012 | | |
| Group 4 | High historical deposition | 137 | 208 |

3. Probability distributions and counts of contaminant data in each mapped dataset, by mapping group

a. ProbPlot_1995_vs_2010_data_by_mapped_group_20130920.pdf

Please let me know if you have any questions.

Have a good weekend,

Peter

Peter H. Israelsson, PhD

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